



SEQUENCE LISTING

<110> HOSTETTER, Margaret K.
DEVORE-CARTER, Denise

<120> ANTIBODIES TO THE PROPEPTIDE OF CANDIDA ALBICANS

<130> P07274US02/BAS

<140> US 09/964,858

<141> 2001-09-28

<150> US 60/237,082

<151> 2000-09-28

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<170> PatentIn version 3.1

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<213> Candida albicans

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Pro Asn Ser Ser Ser Asp Thr Tyr Thr Ser Glu Gln Asp Gln Glu Lys
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Gly Lys Glu Glu Lys Lys Asp Thr Ala Phe Gln Thr Ser Phe Asp Arg
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Asn Phe Asp Leu Asp Asn Ser Ile Asp Ile Gln Gln Thr Ile Gln His
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Gln Gln Gln Gln Pro Gln Gln Gln Gln Gln Leu Ser Gln Thr Asp Asn
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Asn Leu Ile Asp Glu Phe Ser Phe Gln Thr Pro Met Thr Ser Thr Leu
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Asp Leu Thr Lys Gln Asn Pro Thr Val Asp Lys Val Asn Glu Asn His
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Ala Pro Thr Tyr Ile Asn Thr Ser Pro Asn Lys Ser Ile Met Lys Lys
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Ala Thr Pro Lys Ala Ser Pro Lys Lys Val Ala Phe Thr Val Thr Asn
165 170 175

Pro Glu Ile His His Tyr Pro Asp Asn Arg Val Glu Glu Glu Asp Gln
180 185 190

Ser Gln Gln Lys Glu Asp Ser Val Glu Pro Pro Leu Ile Gln His Gln
195 200 205

Trp Lys Asp Pro Ser Gln Phe Asn Tyr Ser Asp Glu Asp Thr Asn Ala
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Ser Val Pro Pro Thr Pro Pro Leu His Thr Thr Lys Pro Thr Phe Ala
225 230 235 240

Gln Leu Leu Asn Lys Asn Asn Glu Val Asn Ser Glu Pro Glu Ala Leu
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Thr Asp Met Lys Leu Lys Arg Glu Asn Phe Ser Asn Leu Ser Leu Asp
260 265 270

Glu Lys Val Asn Leu Tyr Leu Ser Pro Thr Asn Asn Asn Asn Ser Lys
275 280 285

Asn Val Ser Asp Met Asp Ser His Leu Gln Asn Leu Gln Asp Ala Ser
290 295 300

Lys Asn Lys Thr Asn Glu Asn Ile His Asn Leu Ser Phe Ala Leu Lys
305 310 315 320

Ala Pro Lys Asn Asp Ile Glu Asn Pro Leu Asn Ser Leu Thr Asn Ala
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Asp Ile Ser Leu Arg Ser Ser Gly Ser Ser Gln Ser Ser Leu Gln Ser
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Leu Arg Asn Asp Asn Arg Val Leu Glu Ser Val Pro Gly Ser Pro Lys
355 360 365

Lys Val Asn Pro Gly Leu Ser Leu Asn Asp Gly Ile Lys Gly Phe Ser
370 375 380

Asp Glu Val Val Glu Ser Leu Leu Pro Arg Asp Leu Ser Arg Asp Lys
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Leu Glu Thr Thr Lys Glu His Asp Ala Pro Glu His Asn Asn Glu Asn
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Phe Ile Asp Ala Lys Ser Thr Asn Thr Asn Lys Gly Gln Leu Leu Val
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Ser Ser Asp Asp His Leu Asp Ser Phe Asp Arg Ser Tyr Asn His Thr
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Glu Gln Ser Ile Leu Asn Leu Leu Asn Ser Ala Ser Gln Ser Gln Ile
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Ser Leu Asn Ala Leu Glu Lys Gln Arg Gln Thr Gln Glu Gln Glu Gln
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Thr Gln Ala Ala Glu Pro Glu Glu Glu Thr Ser Phe Ser Asp Asn Ile
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Glu Phe Ser Ser Arg Ile Leu Arg Ile Lys Asn Glu Asp Glu Ile Ala
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Glu Pro Ala Asp Ile His Pro Lys Lys Glu Asn Glu Ala Asn Ser His
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Val Glu Asp Thr Asp Ala Leu Leu Lys Lys Ala Leu Asn Asp Asp Glu
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Glu Ser Asp Thr Thr Gln Asn Ser Thr Lys Met Ser Ile Arg Phe His

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Asp Lys Glu Asn Ser Lys Ser Leu Glu Asp Pro Ala Asn Asn Glu Ser		
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690	695	700
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Thr Asp Ser Lys Pro Ile Asn Phe Ile Ser Ile Trp His Lys Gln Glu		
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770	775	780
Asp Lys Val Lys Ile Pro Asn Ala Ile Gln Phe Lys Lys Phe Lys Glu		
785	790	795
Val Asn Val Met Ser Arg Arg Val Val Ser Pro Asp Met Asp Asp Leu		
805	810	815

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820 825 830

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835 840 845

Phe Thr Pro Leu Ser Thr Lys Asn Val Leu Ser Asn Ile Asp Asn Asp
850 855 860

Pro Asn Val Val Glu Pro Pro Glu Pro Lys Ser Tyr Ala Glu Ile Arg
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Asn Ala Arg Arg Leu Ser Ala Asn Lys Ala Ala Pro Asn Gln Ala Pro
885 890 895

Pro Leu Pro Pro Gln Arg Gln Pro Ser Ser Thr Arg Ser Asn Ser Asn
900 905 910

Lys Arg Val Ser Arg Phe Arg Val Pro Thr Phe Glu Ile Arg Arg Thr
915 920 925

Ser Ser Ala Leu Ala Pro Cys Asp Met Tyr Asn Asp Ile Phe Asp Asp
930 935 940

Phe Gly Ala Gly Ser Lys Pro Thr Ile Lys Ala Glu Gly Met Lys Thr
945 950 955 960

Leu Pro Ser Met Asp Lys Asp Asp Val Lys Arg Ile Leu Asn Ala Lys
965 970 975

Lys Gly Val Thr Gln Asp Glu Tyr Ile Asn Ala Lys Leu Val Asp Gln
980 985 990

Lys Pro Lys Lys Asn Ser Ile Val Thr Asp Pro Glu Asp Arg Tyr Glu
995 1000 1005

Glu Leu Gln Gln Thr Ala Ser Ile His Asn Ala Thr Ile Asp Ser
1010 1015 1020

Ser Ile Tyr Gly Arg Pro Asp Ser Ile Ser Thr Asp Met Leu Pro
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Tyr Leu Ser Asp Glu Leu Lys Lys Pro Pro Thr Ala Leu Leu Ser
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Ala Asp Arg Leu Phe Met Glu Gln Glu Val His Pro Leu Arg Ser
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Asn Ser Val Leu Val His Pro Gly Ala Gly Ala Ala Thr Asn Ser
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Ala Ser Thr Ile Ser Phe Asn Gln Leu Asp Met Asn Phe Asp Asp
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Gly Ile Ser Pro Ser Ser Gly Ser Glu His Gln Gln His Asn Pro
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Ile Lys Asn Ile Asn Leu Pro Asp Ile Asn Thr His Lys Gly Arg
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Phe Thr Leu Thr Leu Asp Asn Gly Val His Cys Val Thr Thr Pro
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Glu Tyr Asn Met Asp Asp His Asn Val Ala Ile Gly Lys Glu Phe
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Glu Leu Thr Val Ala Asp Ser Leu Glu Phe Ile Leu Thr Leu Lys
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Ala Ser Tyr Glu Lys Pro Arg Gly Thr Leu Val Glu Val Thr Glu
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Ser Lys Asp Ile Ile Thr Thr Thr Lys Phe Val Pro Thr Glu Val
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Arg Cys Tyr Ile Asp Leu Gln Gln Phe Glu Asp Gln Ile Thr Gly
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Leu His Gln Glu Gly Gly Asp	Cys Pro Ile Phe Lys	Lys Arg Phe		
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